IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Mark L. Nelson et al.

Serial No.: Not yet assigned

Filed: Herewith

For: Methods of Preparing Substituted Tetracyclines

With Transition Metal-Based Chemistries

Attorney Docket No.: PKZ-018DV

Group Art Unit: 1616

Examiner: Barbara Badio

ASSOCIATE POWER OF ATTORNEY

Sir:

The undersigned attorney has the power of attorney in the subject application. He hereby grants an associate power to:

Cynthia M. Soroos Reg. No. 53,623

Please continue to forward all written and telephonic communications to Elizabeth A. Hanley, Esq. at the address and telephone number listed below.

Respectfully submitted,

Elizabeth A. Hanley, Esq. Registration No. 33,503

Attorney for Applicant

LAHIVE & COCKFIELD, LLP 28 State Street Boston, MA 02109 Tel. (617) 227-7400

Dated: July 9, 2003

Customer Number: 000959

Attorney's Docket Number PKZ-018

Declaration, Petition and Power of Attorney for Patent Application

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS OF PREPARING SUBSTITUTED TETRACYCLINES WITH TRANSITION METAL-BASED CHEMISTRIES the specification of which

(check one)	
is attached hereto.	•
X was filed on September 13, 2000	as
Application Serial No. 09/660,598	
and was amended on	•
(if applicable)	

I do not know and do not believe that the subject matter of this application was known or used by others in the United States or patented or described in a printed publication in any country before my invention thereof, or patented or described in a printed publication in any country or in public use or on sale in the United States more than one year prior to the date of this application, or first patented or caused to be patented or made the subject of an inventor's certificate by me or my legal representatives or assigns in a country foreign to the United States prior to the date of this application on an application filed more than twelve months (six months if this application is for a design) before the filing of this application; and I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, that no application for patent or inventor's certificate on the subject matter of this application has been filed by me or my representatives or assigns in any country foreign to the United States, except those identified below, and that I have reviewed and understand the contents of the specification, including the claims as amended by any amendment referred to herein.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

CLAIM OF BENEFIT OF EARLIER FOREIGN APPLICATION(S)

I hereby claim priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application(s) for patent or inventor's certificate filed by me on the same subject matter having a filing date before that of the application(s) from which priority is claimed.

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- such applications have been filed as follows

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Country	Application Number	Date of Filing	Priority Claimed Under 35 USC 119		
		(month,day,year)	Under 3:	0SC 119	
			_ Yes	No_	
			_ Yes	No _	
			_ Yes	No_	
			_ Yes	No _	
			_ Yes	No _	

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(Application Serial No.)	(Filing Date)
60/232,091	September 12, 2000
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Ralph A. Loren	Reg. No. 29,325	David J. Rikkers	Reg. No. 43,882
Giulio A. DeConti, Jr.	Reg. No. 31,503	Chi Suk Kim	Reg. No. 42,728
Ann Lamport Hammitte	Reg. No. 34,858	Maria Laccotripe Zacharakis	Limited Recognition
Elizabeth A. Hanley	Reg. No. 33,505		Under 37 C.F.R. § 10.9(b)
Amy E. Mandragouras	Reg. No. 36,207	Debra J. Milasincic	Reg. No. 46,931
Anthony A. Laurentano	Reg. No. 38,220	David R. Burns	Reg. No. 46,590
Jane E. Remillard	Reg. No. 38,872	Sean D. Detweiler	Reg. No. 42,482
Jeremiah Lynch	Reg. No. 17,425	Peter S. Stecher	Reg. No. 47,259
Kevin J. Canning	Reg. No. 35,470	Adam M. Goodmann	Reg. No. 43,640
Jeanne M. DiGiorgio	Reg. No. 41,710		,
Megan E. Williams	Reg. No. 43,270		
Nicholas P. Triano III	Reg. No. 36,397		

Send Correspondence to Elizabeth A. Hanley, Esq. at Customer Number: 000959 whose address is:

Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109

Direct Telephone Calls to: (name and telephone number)

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Wherefore I petition that letters patent be granted to me for the invention or discovery described and claimed in the attached specification and claims, and hereby subscribe my name to said specification and claims and to the foregoing declaration, power of attorney, and this petition.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor			
Mark L. Nelson			
Inventor's signature	Date	:	
Residence			
735 Worcester Road, Wellesley, Massachusetts 02481			
Citizenship			
U.S.A			
Post Office Address (if different)			
<u>'</u>		•	

Full name of second inventor, if any Glen Rennie	
Inventor's signature	Date
Residence 11 Clark Road, So. Weymouth, MA 02190	
Citizenship U.S.A.	
Post Office Address (if different)	

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Full name of third inventor, if any Darrell J. Koza	***************************************	· · · · · · · · · · · · · · · · · · ·	
Inventor's signature Lanell & Ko	120	Date 09/12/00	ر المراكزية من المراكزية المراكزية المراكزية المراكزية المراكزية المراكزية المراكزية المراكزية المراكزية المرا المراكزية المراكزية
Residence	0		
16 Ledward Avenue, Westerly, Rhode Island	02891	•	
Citizenship	· · · · · · · · · · · · · · · · · · ·		
U.S.A.	•		
Post Office Address (if different)			

Full name of fourth inventor, if any			•	
Inventor's signature	 		Date	
Residence			• • • • • • • • • • • • • • • • • • • •	
Citizenship		· · · · · · · · · · · · · · · · · · ·	•	•
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METAL-BASED CHEMISTRIES the specification of which (check one) _ is attached hereto. X was filed on September 13, 2000 as Application Serial No. 09/660,598 and was amended on (if applicable)

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			Yes No
			_ Yes No _
			_ Yes No _
			Yes No

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Full name of sole or first inventor Mark L. Nelson	
Inventor's signature Much Call	Date 1. / 2. / 2000
Residence	WH THE
735 Worcester Road, Wellesley, Massachusetts 02481	
Citizenship	- 4
U.S.A	
Post Office Address (if different)	· · · · · · · · · · · · · · · · · · ·

Full name of second inventor, if any	
Glen Rennie	
Inventor's signature	Date
Residence	
11 Clark Road, So. Weymouth, MA 02190	,
Citizenship	
U.S.A.	·
Post Office Address (if different)	
•	
Full name of third inventor, if any	
Darrell J. Koza	
Inventor's signature	Date
Residence	· · · · · · · · · · · · · · · · · · ·
16 Ledward Avenue, Westerly, Rhode Island 02891	
Citizenship	
U.S.A.	
Post Office Address (if different)	· ·
Full name of fourth inventor, if any	
The state of the s	
Inventor's signature	Date
Residence	·
Residence	
Citizenship	
Citizenship	
Post Office Address (if different)	
Fost Office Address (II different)	•

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Docket
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			Yes No
			_ Yes No _
<u> </u>			_Yes No_
			Yes No

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Date	
	Date

<u> </u>	•
Full name of second inventor, if any	
Glen Rennie	•
Inventor's signature	Date
su ri	11/20/00
Residence	
11 Clark Road, So. Weymouth, MA 02190	
Citizenship	
U.S.A.	
Post Office Address (if different)	
	•
Full name of third inventor, if any	
Darrell J. Koza	
Inventor's signature	Date
Residence	
16 Ledward Avenue, Westerly, Rhode Island 02891	
Citizenship	
U.S.A.	
Post Office Address (if different)	
	•
· · · · · · · · · · · · · · · · · · ·	
Full name of fourth inventor, if any	
<u> </u>	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address (if different)	